B. Tech. (Computer Science and Engineering- Data Science)

B. Tech. (Computer Science and Engineering- Artificial Intelligence & Machine Learning)

Scheme of Studies/Examination w.e.f. 2021-22

Semester-3

Sr. No.	Course Code	Course Title	Hours per week			Total Contact Hrs. per week	Credit	Examination Schedule (Marks)				Duration of Exam (Hours)
			L	T	P			Internal Assessment	Theory	Practical	Total	
1	PCC-CSE-202G	Discrete Mathematics	3	1	0	4	4	25	75		100	3
2	PCC-CSE-203G	Data Structures & Algorithms	3	0	0	3	3	25	75		100	3
3	PCC-CSE-251G	Digital Logic and Computer Architecture	3	0	0	3	3	25	75		100	3
4	PCC-CSE-207G	Python Programming	2	0	0	2	2	25	75		100	3
5	BSC-MATH-253G	Applied Computational Statistics	3	0	0	3	3	25	75		100	3
6	HSMC-01G	Economics for Engineers	3	0	0	3	3	25	75		100	3
7	LC-CSE-255G	Computational Statistics Lab	0	0	3	3	1.5	25		25	50	3
8	LC-CSE-257G	Digital Logic Design Lab	0	0	3	3	1.5	25		25	50	3
9	LC-CSE-213G	Data Structures & Algorithms LAB Using C	0	0	4	4	2	25		25	50	3
10	LC-CSE-215G	Python Programming LAB	0	0	2	2	1	25		25	50	3
						Total	24				800	

B.Tech. (Computer Science and Engineering- Data Science)
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Scheme of Studies/Examination w.e.f. 2021-22

Semester-4

Sr. No	Course Code	Course Title	Hours per week			Total Contact Hrs. per week	Credit	Examination Schedule (Marks)				Duration of Exam (Hours)
			L	T	P			Internal Assessment	Theory	Practical	Total	
1	PCC-CSE-201G	Database Management Systems	3	0	0	3	3	25	75		100	3
2	PCC-CSE-250G	Programming for Data Science & AIML	3	0	0	3	3	25	75		100	3
3	PCC-CSE-206G	Operating System	3	0	0	3	3	25	75		100	3
4	PCC-CSE-252G	Object Oriented Programming With Java	3	0	0	3	3	25	75		100	3
5	HSMC-02G	Organizational Behaviour	3	0	0	3	3	25	75		100	3
6	* MC-106G	Environmental Sciences	2	0	0	2	0	-	-	-	-	3
7	PCC-CSE-254G	Fundamentals of AIML	3	0	0	3	3	25	75	-	100	3
8	LC-CSE-212G	Operating System LAB	0	0	4	4	2	25		25	50	3
9.	LC-CSE-256G	Object Oriented Programming LAB	0	0	2	2	1	25		25	50	3
10.	LC-CSE-258G	Programming for Data Science & AI Lab	0	0	2	2	1	25		25	50	3
11.	LC-CSE-209G	Database Management Systems LAB	0	0	4	4	2	25		25	50	3
						Total	24				800	

***MC-106G**is a mandatory non –credit course in which the students will be required passing marks in theory.

NOTE: At the end of 4th semester each student has to undergo Practical Training of 4/6 weeks in an Industry/ Institute/ Professional Organization/ Research Laboratory/ training centre etc. and submit typed report along with a certificate from the organization & its evaluation shall be carried out in the 5th Semester.